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DEC 20 2002

TECHNOLOGY CENTER R3700

APPENDIX A
SERIAL NO. 09/905,017
"MEDICAL DEVICE INCLUDING TUBE
HAVING A BRAID AND EXPANDED COIL"
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In the claims:

Please amend claims 1, 2, 19, 20, and 21 as indicated in which newly added text is underlined and text to be deleted is surrounded by brackets:

1. (Amended) A medical device (10) comprising a tube (11), wherein the tube (11) comprises:
 - a coil (14) in a stressed, radially expanded condition;
 - a braid (16) extending over at least part of the coil (14); and
 - a polymeric layer (18) positioned over and contacting at least the coil (14);the polymeric layer (18) maintaining the coil (14) in the [its] stressed, radially expanded condition.
2. (Amended) The medical device (10) according to claim 1, wherein the polymeric layer (18) maintains the coil (14) in the [its] stressed, radially expanded condition by adhesion to the coil (14).
19. (Amended) A medical device (10) comprising a tube (11), wherein the tube (11) comprises:
 - a metal coil (14) in a stressed, radially expanded condition, the metal coil (14) comprising flat wire;
 - a metal braid (16) extending over at least part of the coil (14);
 - a polymeric bonding layer (18) positioned over and contacting at least the coil (14), wherein the polymeric layer (18) is heat-shrinkable tubing comprising at least one of nylon, polyurethane and PTFE; and
 - an inner liner (20) beneath and in contact with at least part of the coil (14), the liner (20) comprising PTFE;

wherein the polymeric layer (18) maintains the coil (14) in the [its] stressed, radially expanded condition by adhesion to the coil (14) by thermal bonding to it; and

wherein the tube (11) has an outer diameter no greater than about 1 mm.

20. (Amended) The improvement in a medical device (10) including a tube (11), characterized in that the tube (11) comprises:

a coil (14) in a stressed, radially expanded condition;

a braid (16) extending over at least part of the coil (14); and

a polymeric layer (18) positioned over and contacting at least the coil (14);

wherein the polymeric layer (18) maintains the coil (14) in the [its] stressed, radially expanded condition.

21. (Amended) A tube (11) for use with a medical device (10), the tube (11) comprising a coil (14) in a stressed, radially expanded condition; a braid (16) extending over at least part of the coil (14), and polymeric material (18) positioned at least over the coil (14); the polymeric material (18) at least in part maintaining the coil (14) in the [its] stressed, radially expanded condition.